

INCH-POUND

W-C-596/181B  
19 October 2001  
SUPERSEDING  
W-C-596/181A  
30 April 1992

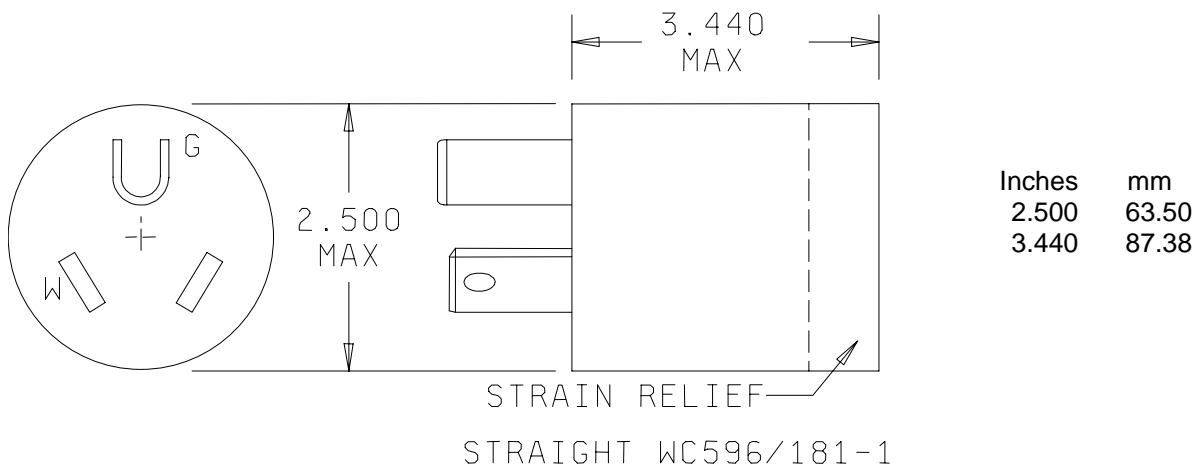
FEDERAL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, GENERAL PURPOSE, GROUNDING,  
2 POLE, 3 WIRE, 20 AMPERES, 277 VOLTS, 50/60 HERTZ

INACTIVE FOR NEW DESIGN, USE W-C-596/108

The General Services Administration has authorized the use  
of this federal specification sheet by all federal agencies.

The complete requirements for procuring the connectors described herein shall  
consist of this document and the latest issue of W-C-596/GEN.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configuration and dimensions.

# W-C-596/181B

## REQUIREMENTS:

Design and configuration: See figure 1.

Dimensions: Shall conform to NEMA WD 6, configuration 7-20P.

Mating face: Dead-front construction.

Armored construction: Not acceptable.

### Ratings:

Voltage: 277 volts.

Current: 20 amperes.

Frequency: 50/60 hertz.

Strain relief: Accommodate cable diameter .325 -.655 inch (8.26 -16.64 mm).

Part or Identifying Number (PIN): WC596/181- (dash number from table I).

TABLE I. Dash number.

Dash number	Supersedes style	Description
1		Straight Plug

Supersession and cross reference: See table II.

TABLE II. Supersession and cross reference.

Active Government PIN	Superseded numbers		
	CAGE <u>2/</u> 41326	CAGE 04009	CAGE 81091
<u>1/</u> WC596/181-1	4293	7624	7624

1/ W-C-596/181-2 has been canceled without replacement.

2/ CAGE is the Commercial and Government Entity code, which is assigned and maintained by Defense Logistics Information Service (DLIS) in Battle Creek, MI.

## MILITARY INTERESTS:

### Custodians

Army - CR

Navy - YD

Air Force - 11

DLA - CC

### Review Activities:

Army - AR, AV, CR4, MI

Navy - AS, EC, MC, SH

Air Force - 19, 99

## CIVIL AGENCY COORDINATING ACTIVITIES:

DCGOVT - DCG

DOT - ACO

GSA - 7FXE

HHS - FEC

USDA - AFS

Preparing Activity:

DLA - CC

(Project 5935-4306-26)